

# RUILIDA TOOLS



## 常州瑞利达工具制造有限公司

CHANGZHOU RUILIDA TOOLS CO., LTD



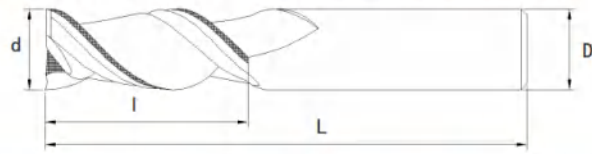
- 高品质
- 高效率
- 高精度

High Quality  
High Efficiency  
High Precision



**RLD-50HRC Series 2/4 Flute End Mill**

WC=90 Co=10 HV30=1571 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm

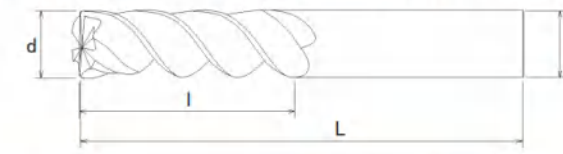


| CD  | FL  | OAL | SD | Z   | CD | FL | OAL | SD | Z   |
|-----|-----|-----|----|-----|----|----|-----|----|-----|
| 1   | 2.5 | 50  | 4  | 2/4 | 4  | 18 | 100 | 4  | 2/4 |
| 1.5 | 4   | 50  | 4  | 2/4 | 6  | 27 | 100 | 6  | 2/4 |
| 2   | 5   | 50  | 4  | 2/4 | 8  | 35 | 100 | 8  | 2/4 |
| 2.5 | 6.5 | 50  | 4  | 2/4 | 10 | 40 | 100 | 10 | 2/4 |
| 3   | 7.5 | 50  | 3  | 2/4 | 12 | 45 | 100 | 12 | 2/4 |
| 3   | 7.5 | 50  | 4  | 2/4 | 14 | 45 | 100 | 14 | 2/4 |
| 4   | 10  | 50  | 4  | 2/4 | 16 | 45 | 100 | 16 | 2/4 |
| 5   | 13  | 50  | 5  | 2/4 | 18 | 45 | 100 | 18 | 2/4 |
| 5   | 13  | 50  | 6  | 2/4 | 20 | 45 | 100 | 20 | 2/4 |
| 6   | 15  | 50  | 6  | 2/4 | 6  | 35 | 150 | 6  | 2/4 |
| 7   | 18  | 60  | 8  | 2/4 | 8  | 50 | 150 | 8  | 2/4 |
| 8   | 20  | 60  | 8  | 2/4 | 10 | 55 | 150 | 10 | 2/4 |
| 4   | 14  | 75  | 4  | 2/4 | 12 | 60 | 150 | 12 | 2/4 |
| 6   | 21  | 75  | 6  | 2/4 | 14 | 65 | 150 | 14 | 2/4 |
| 8   | 30  | 75  | 8  | 2/4 | 16 | 65 | 150 | 16 | 2/4 |
| 9   | 23  | 75  | 10 | 2/4 | 18 | 65 | 150 | 18 | 2/4 |
| 10  | 25  | 75  | 10 | 2/4 | 20 | 75 | 150 | 20 | 2/4 |
| 12  | 30  | 75  | 12 | 2/4 |    |    |     |    |     |



**RLD-50HRC Series 4 Flute Corner Radius End Mill**

WC=90 Co=10 HV30=1571 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm

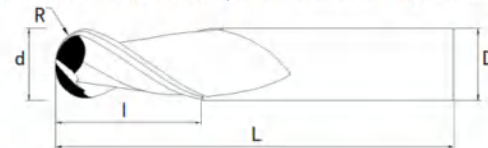


| CD  | FL  | OAL | SD | R           | Z | CD | FL | OAL | SD | R           | Z |
|-----|-----|-----|----|-------------|---|----|----|-----|----|-------------|---|
| 1   | 2.5 | 50  | 4  | 0.2         | 4 | 12 | 30 | 75  | 12 | 0.5/1/1.5/2 | 4 |
| 1.5 | 4   | 50  | 4  | 0.2         | 4 | 4  | 12 | 75  | 4  | 0.2/0.5/1   | 4 |
| 2   | 5   | 50  | 4  | 0.2/0.5     | 4 | 6  | 18 | 75  | 6  | 0.2/0.5/1   | 4 |
| 2.5 | 6.5 | 50  | 4  | 0.2/0.5     | 4 | 8  | 24 | 75  | 8  | 0.5/1       | 4 |
| 3   | 7.5 | 50  | 3  | 0.2/0.5/1   | 4 | 10 | 30 | 100 | 10 | 0.5/1/2     | 4 |
| 3   | 7.5 | 50  | 4  | 0.2/0.5/1   | 4 | 12 | 36 | 100 | 12 | 0.5/1/2     | 4 |
| 4   | 10  | 50  | 4  | 0.2/0.5/1   | 4 | 4  | 16 | 100 | 4  | 0.5/1       | 4 |
| 5   | 13  | 50  | 5  | 0.2/0.5/1   | 4 | 6  | 24 | 100 | 6  | 0.5/1       | 4 |
| 5   | 13  | 50  | 6  | 0.2/0.5/1   | 4 | 8  | 28 | 100 | 8  | 0.5/1       | 4 |
| 6   | 15  | 50  | 6  | 0.2/0.5/1   | 4 |    |    |     |    |             |   |
| 8   | 20  | 60  | 8  | 0.5/1/1.5/2 | 4 |    |    |     |    |             |   |
| 10  | 25  | 75  | 10 | 0.5/1/1.5/2 | 4 |    |    |     |    |             |   |



**RLD-50HRC Series 2 Flute Ball Nose End Mill**

WC=90 Co=10 HV30=1571 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm

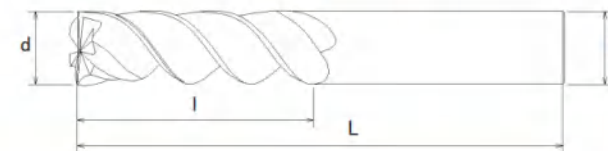


| CD  | FL | OAL | SD | R    | Z | CD | FL | OAL | SD | R  | Z |
|-----|----|-----|----|------|---|----|----|-----|----|----|---|
| 1   | 2  | 50  | 4  | 0.5  | 2 | 4  | 8  | 100 | 4  | 2  | 2 |
| 1.5 | 3  | 50  | 4  | 0.75 | 2 | 6  | 12 | 100 | 6  | 3  | 2 |
| 2   | 4  | 50  | 4  | 1    | 2 | 8  | 16 | 100 | 8  | 4  | 2 |
| 2.5 | 5  | 50  | 4  | 1.25 | 2 | 10 | 20 | 100 | 10 | 5  | 2 |
| 3   | 6  | 50  | 3  | 1.5  | 2 | 12 | 24 | 100 | 12 | 6  | 2 |
| 3   | 6  | 50  | 4  | 1.5  | 2 | 14 | 28 | 100 | 14 | 7  | 2 |
| 4   | 8  | 50  | 4  | 2    | 2 | 16 | 32 | 100 | 16 | 8  | 2 |
| 5   | 10 | 50  | 5  | 2.5  | 2 | 18 | 36 | 100 | 18 | 9  | 2 |
| 5   | 10 | 50  | 6  | 2.5  | 2 | 20 | 40 | 100 | 20 | 10 | 2 |
| 6   | 12 | 50  | 6  | 3    | 2 | 6  | 12 | 150 | 6  | 3  | 2 |
| 7   | 14 | 60  | 8  | 3.5  | 2 | 8  | 16 | 150 | 8  | 4  | 2 |
| 8   | 16 | 60  | 8  | 4    | 2 | 10 | 20 | 150 | 10 | 5  | 2 |
| 4   | 8  | 75  | 4  | 2    | 2 | 12 | 24 | 150 | 12 | 6  | 2 |
| 6   | 12 | 75  | 6  | 3    | 2 | 14 | 28 | 150 | 14 | 7  | 2 |
| 8   | 16 | 75  | 8  | 4    | 2 | 16 | 32 | 150 | 16 | 8  | 2 |
| 9   | 18 | 75  | 10 | 4.5  | 2 | 18 | 36 | 150 | 18 | 9  | 2 |
| 10  | 20 | 75  | 10 | 5    | 2 | 20 | 40 | 150 | 20 | 10 | 2 |
| 12  | 24 | 75  | 12 | 6    | 2 |    |    |     |    |    |   |



**RLD-50HRC 2/3 Flute Polished End Mill for Aluminum**

WC=90 Co=10 HV30=1571 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm



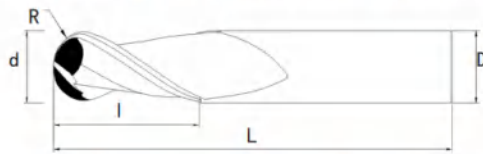
| CD  | FL  | OAL | SD | Z   | CD | FL | OAL | SD | Z   |
|-----|-----|-----|----|-----|----|----|-----|----|-----|
| 1   | 3   | 50  | 4  | 2/3 | 3  | 12 | 75  | 3  | 2/3 |
| 1.5 | 4.5 | 50  | 4  | 2/3 | 3  | 12 | 75  | 4  | 2/3 |
| 2   | 6   | 50  | 4  | 2/3 | 4  | 20 | 100 | 4  | 2/3 |
| 2.5 | 7.5 | 50  | 4  | 2/3 | 6  | 30 | 100 | 6  | 2/3 |
| 3   | 9   | 50  | 3  | 2/3 | 8  | 40 | 100 | 8  | 2/3 |
| 3   | 9   | 50  | 4  | 2/3 | 10 | 40 | 100 | 10 | 2/3 |
| 4   | 12  | 50  | 4  | 2/3 | 12 | 45 | 100 | 12 | 2/3 |
| 5   | 15  | 50  | 5  | 2/3 | 14 | 45 | 100 | 14 | 2/3 |
| 5   | 15  | 50  | 6  | 2/3 | 16 | 45 | 100 | 16 | 2/3 |
| 6   | 18  | 50  | 6  | 2/3 | 18 | 45 | 100 | 18 | 2/3 |
| 7   | 21  | 60  | 8  | 2/3 | 20 | 45 | 100 | 20 | 2/3 |
| 8   | 24  | 60  | 8  | 2/3 | 6  | 35 | 150 | 6  | 2/3 |
| 4   | 16  | 75  | 4  | 2/3 | 8  | 50 | 150 | 8  | 2/3 |
| 6   | 24  | 75  | 6  | 2/3 | 10 | 60 | 150 | 10 | 2/3 |
| 8   | 32  | 75  | 8  | 2/3 | 12 | 70 | 150 | 12 | 2/3 |
| 9   | 27  | 75  | 10 | 2/3 | 14 | 65 | 150 | 14 | 2/3 |
| 10  | 30  | 75  | 10 | 2/3 | 16 | 75 | 150 | 16 | 2/3 |
| 11  | 33  | 75  | 12 | 2/3 | 18 | 65 | 150 | 18 | 2/3 |
| 12  | 36  | 75  | 12 | 2/3 | 20 | 75 | 150 | 20 | 2/3 |





**RLD-50HRC 2 Flute Ball Nose End Mill for Aluminium**

WC=90 Co=10 HV30=1571 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm

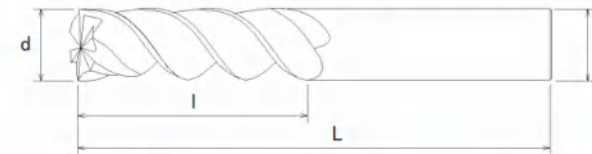


| CD  | FL | OAL | SD | R    | Z |
|-----|----|-----|----|------|---|
| 1   | 2  | 50  | 4  | 0.5  | 2 |
| 1.5 | 3  | 50  | 4  | 0.75 | 2 |
| 2   | 4  | 50  | 4  | 1    | 2 |
| 2.5 | 5  | 50  | 4  | 1.25 | 2 |
| 3   | 6  | 50  | 3  | 1.5  | 2 |
| 3   | 6  | 50  | 4  | 1.5  | 2 |
| 4   | 8  | 50  | 4  | 2    | 2 |
| 5   | 10 | 50  | 5  | 2.5  | 2 |
| 5   | 10 | 50  | 6  | 2.5  | 2 |
| 6   | 12 | 50  | 6  | 3    | 2 |
| 8   | 16 | 60  | 8  | 4    | 2 |
| 4   | 8  | 75  | 4  | 2    | 2 |
| 6   | 12 | 75  | 6  | 3    | 2 |

| CD | FL | OAL | SD | R  | Z |
|----|----|-----|----|----|---|
| 8  | 16 | 75  | 8  | 4  | 2 |
| 10 | 20 | 75  | 10 | 5  | 2 |
| 12 | 24 | 75  | 12 | 6  | 2 |
| 4  | 8  | 100 | 4  | 2  | 2 |
| 6  | 12 | 100 | 6  | 3  | 2 |
| 8  | 16 | 100 | 8  | 4  | 2 |
| 10 | 20 | 100 | 10 | 5  | 2 |
| 12 | 24 | 100 | 12 | 6  | 2 |
| 14 | 28 | 100 | 14 | 7  | 2 |
| 16 | 32 | 100 | 16 | 8  | 2 |
| 18 | 36 | 100 | 18 | 9  | 2 |
| 20 | 40 | 100 | 20 | 10 | 2 |

**RLD-50HRC Series 2/4 Flute End Mill**

WC=88 Co=12 HV30=1700 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm



| CD  | FL  | OAL | SD | Z   |
|-----|-----|-----|----|-----|
| 1   | 3   | 50  | 4  | 2/4 |
| 1.5 | 4.5 | 50  | 4  | 2/4 |
| 2   | 6   | 50  | 4  | 2/4 |
| 2.5 | 7.5 | 50  | 4  | 2/4 |
| 3   | 9   | 50  | 3  | 2/4 |
| 3   | 9   | 50  | 4  | 2/4 |
| 4   | 12  | 50  | 4  | 2/4 |
| 5   | 15  | 50  | 5  | 2/4 |
| 5   | 15  | 50  | 6  | 2/4 |
| 6   | 18  | 50  | 6  | 2/4 |
| 8   | 24  | 60  | 8  | 2/4 |
| 4   | 16  | 75  | 4  | 2/4 |
| 6   | 24  | 75  | 6  | 2/4 |
| 8   | 32  | 75  | 8  | 2/4 |
| 10  | 30  | 75  | 10 | 2/4 |
| 12  | 36  | 75  | 12 | 2/4 |
| 4   | 20  | 100 | 4  | 2/4 |

| CD | FL | OAL | SD | Z   |
|----|----|-----|----|-----|
| 6  | 30 | 100 | 6  | 2/4 |
| 8  | 40 | 100 | 8  | 2/4 |
| 10 | 45 | 100 | 10 | 2/4 |
| 12 | 45 | 100 | 12 | 2/4 |
| 14 | 45 | 100 | 14 | 2/4 |
| 16 | 45 | 100 | 16 | 2/4 |
| 18 | 45 | 100 | 18 | 2/4 |
| 20 | 45 | 100 | 20 | 2/4 |
| 6  | 35 | 150 | 6  | 2/4 |
| 8  | 50 | 150 | 8  | 2/4 |
| 10 | 60 | 150 | 10 | 2/4 |
| 12 | 70 | 150 | 12 | 2/4 |
| 14 | 65 | 150 | 14 | 2/4 |
| 16 | 65 | 150 | 16 | 2/4 |
| 18 | 65 | 150 | 18 | 2/4 |
| 20 | 70 | 150 | 20 | 2/4 |

**RLD-50HRC Series 3 Flute Corner Radius End Mill for Aluminium**

WC=90 Co=10 HV30=1571 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm

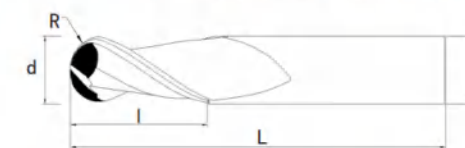


| CD  | FL  | OAL | SD | R           | Z |
|-----|-----|-----|----|-------------|---|
| 1   | 3   | 50  | 4  | 0.2         | 3 |
| 1.5 | 4.5 | 50  | 4  | 0.2         | 3 |
| 2   | 6   | 50  | 4  | 0.2/0.5     | 3 |
| 2.5 | 7.5 | 50  | 4  | 0.2/0.5     | 3 |
| 3   | 9   | 50  | 3  | 0.2/0.5/1   | 3 |
| 3   | 9   | 50  | 4  | 0.2/0.5/1   | 3 |
| 4   | 12  | 50  | 4  | 0.2/0.5/1   | 3 |
| 5   | 15  | 50  | 5  | 0.2/0.5/1   | 3 |
| 5   | 15  | 50  | 6  | 0.2/0.5/1   | 3 |
| 6   | 18  | 50  | 6  | 0.2/0.5/1   | 3 |
| 8   | 24  | 60  | 8  | 0.5/1/1.5/2 | 3 |
| 10  | 30  | 75  | 10 | 0.5/1/1.5/2 | 3 |

| CD | FL | OAL | SD | R           | Z |
|----|----|-----|----|-------------|---|
| 12 | 36 | 75  | 12 | 0.5/1/1.5/2 | 3 |
| 4  | 16 | 75  | 4  | 0.2/0.5/1   | 3 |
| 6  | 24 | 75  | 6  | 0.2/0.5/1   | 3 |
| 8  | 32 | 75  | 8  | 0.5/1       | 3 |
| 10 | 40 | 100 | 10 | 0.5/1/2     | 3 |
| 12 | 45 | 100 | 12 | 0.5/1/2     | 3 |
| 4  | 20 | 100 | 4  | 0.5/1       | 3 |
| 6  | 30 | 100 | 6  | 0.5/1       | 3 |
| 8  | 40 | 100 | 8  | 0.5/1       | 3 |

**RLD-55HRC Series 2 Flute Ball Nose End Mill**

WC=88 Co=12 HV30=1700 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm



| CD  | FL | OAL | SD | R    | Z |
|-----|----|-----|----|------|---|
| 1   | 2  | 50  | 4  | 0.5  | 2 |
| 1.5 | 3  | 50  | 4  | 0.75 | 2 |
| 2   | 4  | 50  | 4  | 1    | 2 |
| 2.5 | 5  | 50  | 4  | 1.25 | 2 |
| 3   | 6  | 50  | 3  | 1.5  | 2 |
| 3   | 6  | 50  | 4  | 1.5  | 2 |
| 4   | 8  | 50  | 4  | 2    | 2 |
| 5   | 10 | 50  | 5  | 2.5  | 2 |
| 5   | 10 | 50  | 6  | 2.5  | 2 |
| 6   | 12 | 50  | 6  | 3    | 2 |
| 7   | 14 | 60  | 8  | 3.5  | 2 |
| 8   | 16 | 60  | 8  | 4    | 2 |
| 4   | 8  | 75  | 4  | 2    | 2 |
| 6   | 12 | 75  | 6  | 3    | 2 |
| 8   | 16 | 75  | 8  | 4    | 2 |
| 9   | 18 | 75  | 10 | 4.5  | 2 |
| 10  | 20 | 75  | 10 | 5    | 2 |
| 12  | 24 | 75  | 12 | 6    | 2 |

| CD | FL | OAL | SD | R  | Z |
|----|----|-----|----|----|---|
| 4  | 8  | 100 | 4  | 2  | 2 |
| 6  | 12 | 100 | 6  | 3  | 2 |
| 8  | 16 | 100 | 8  | 4  | 2 |
| 10 | 20 | 100 | 10 | 5  | 2 |
| 12 | 24 | 100 | 12 | 6  | 2 |
| 14 | 28 | 100 | 14 | 7  | 2 |
| 16 | 32 | 100 | 16 | 8  | 2 |
| 18 | 36 | 100 | 18 | 9  | 2 |
| 20 | 40 | 100 | 20 | 10 | 2 |
| 6  | 12 | 150 | 6  | 3  | 2 |
| 8  | 16 | 150 | 8  | 4  | 2 |
| 10 | 20 | 150 | 10 | 5  | 2 |
| 12 | 24 | 150 | 12 | 6  | 2 |
| 14 | 28 | 150 | 14 | 7  | 2 |
| 16 | 32 | 150 | 16 | 8  | 2 |
| 18 | 36 | 150 | 18 | 9  | 2 |
| 20 | 40 | 150 | 20 | 10 | 2 |

RLD-50HRC

04

RLD-55HRC

05



**RLD-55HRC Series 4 Flute Corner Radius End Mill**

WC=88 Co=12 HV30=1700 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm

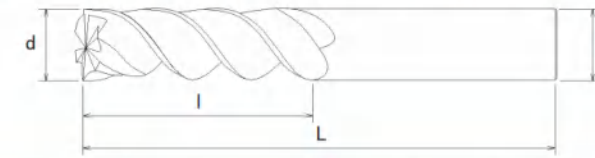


| CD  | FL  | OAL | SD | R           | Z |
|-----|-----|-----|----|-------------|---|
| 1   | 2.5 | 50  | 4  | 0.2         | 4 |
| 1.5 | 4   | 50  | 4  | 0.2         | 4 |
| 2   | 5   | 50  | 4  | 0.2/0.5     | 4 |
| 2.5 | 6.5 | 50  | 4  | 0.2/0.5     | 4 |
| 3   | 7.5 | 50  | 3  | 0.2/0.5/1   | 4 |
| 3   | 7.5 | 50  | 4  | 0.2/0.5/1   | 4 |
| 4   | 10  | 50  | 4  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 5  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 6  | 0.2/0.5/1   | 4 |
| 6   | 15  | 50  | 6  | 0.2/0.5/1   | 4 |
| 8   | 20  | 60  | 8  | 0.5/1/1.5/2 | 4 |
| 4   | 12  | 75  | 4  | 0.2/0.5/1   | 4 |
| 6   | 18  | 75  | 6  | 0.2/0.5/1   | 4 |
| 8   | 24  | 75  | 8  | 0.5/1       | 4 |
| 10  | 25  | 75  | 10 | 0.5/1/1.5/2 | 4 |
| 12  | 30  | 75  | 12 | 0.5/1/1.5/2 | 4 |
| 4   | 16  | 100 | 4  | 0.5/1       | 4 |
| 6   | 24  | 100 | 6  | 0.5/1       | 4 |
| 8   | 32  | 100 | 8  | 0.5/1       | 4 |
| 10  | 30  | 100 | 10 | 0.5/1/2     | 4 |
| 12  | 36  | 100 | 12 | 0.5/1/2     | 4 |



**RLD-60HRC Series Stainless steel special 2/4 Flute End Mill**

WC=87 Co=12 不等 TRS=4200N/mm<sup>2</sup> HRA 92.4 Grain size=0.4μm



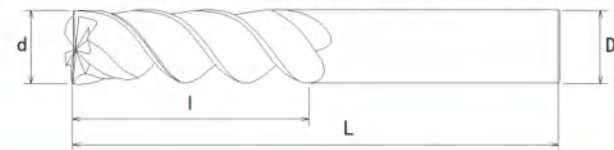
| CD  | FL  | OAL | SD | Z   | CD | FL | OAL | SD | Z   |
|-----|-----|-----|----|-----|----|----|-----|----|-----|
| 1   | 2.5 | 50  | 4  | 2/4 | 12 | 30 | 75  | 12 | 2/4 |
| 1.5 | 4   | 50  | 4  | 2/4 | 4  | 16 | 100 | 4  | 2/4 |
| 2   | 5   | 50  | 4  | 2/4 | 6  | 24 | 100 | 6  | 2/4 |
| 2.5 | 6.5 | 50  | 4  | 2/4 | 8  | 32 | 100 | 8  | 2/4 |
| 3   | 7.5 | 50  | 3  | 2/4 | 10 | 40 | 100 | 10 | 2/4 |
| 3   | 7.5 | 50  | 4  | 2/4 | 12 | 45 | 100 | 12 | 2/4 |
| 4   | 10  | 50  | 4  | 2/4 | 14 | 45 | 100 | 14 | 2/4 |
| 5   | 13  | 50  | 5  | 2/4 | 16 | 45 | 100 | 16 | 2/4 |
| 5   | 13  | 50  | 6  | 2/4 | 18 | 45 | 100 | 18 | 2/4 |
| 6   | 15  | 50  | 6  | 2/4 | 20 | 45 | 100 | 20 | 2/4 |
| 7   | 18  | 60  | 8  | 2/4 | 6  | 35 | 150 | 6  | 2/4 |
| 8   | 20  | 60  | 8  | 2/4 | 8  | 45 | 150 | 8  | 2/4 |
| 4   | 13  | 75  | 4  | 2/4 | 10 | 55 | 150 | 10 | 2/4 |
| 6   | 20  | 75  | 6  | 2/4 | 12 | 60 | 150 | 12 | 2/4 |
| 8   | 26  | 75  | 8  | 2/4 | 16 | 75 | 150 | 16 | 2/4 |
| 9   | 25  | 75  | 10 | 2/4 | 20 | 70 | 150 | 20 | 2/4 |
| 10  | 25  | 75  | 10 | 2/4 |    |    |     |    |     |



**RLD-60HRC**

**RLD-55HRC Series 3 Flute Polished End Mill for Aluminum**

WC=88 Co=12 HV30=1700 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size=0.6μm

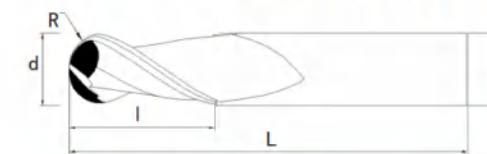


| CD  | FL | OAL | SD | Z | CD | FL | OAL | SD | Z |
|-----|----|-----|----|---|----|----|-----|----|---|
| 1   | 3  | 50  | 4  | 3 | 6  | 24 | 75  | 6  | 3 |
| 1.5 | 4  | 50  | 4  | 3 | 8  | 32 | 75  | 8  | 3 |
| 2   | 6  | 50  | 4  | 3 | 10 | 30 | 75  | 10 | 3 |
| 2.5 | 8  | 50  | 4  | 3 | 12 | 36 | 75  | 12 | 3 |
| 3   | 9  | 50  | 3  | 3 | 4  | 20 | 100 | 4  | 3 |
| 3   | 9  | 50  | 4  | 3 | 6  | 30 | 100 | 6  | 3 |
| 4   | 12 | 50  | 4  | 3 | 8  | 40 | 100 | 8  | 3 |
| 5   | 15 | 50  | 5  | 3 | 10 | 40 | 100 | 10 | 3 |
| 5   | 15 | 50  | 6  | 3 | 12 | 45 | 100 | 12 | 3 |
| 6   | 18 | 50  | 6  | 3 | 14 | 45 | 100 | 14 | 3 |
| 7   | 21 | 60  | 8  | 3 | 16 | 45 | 100 | 16 | 3 |
| 8   | 24 | 60  | 8  | 3 | 18 | 45 | 100 | 18 | 3 |
| 4   | 16 | 75  | 4  | 3 | 20 | 45 | 100 | 20 | 3 |



**RLD-60HRC Series 2 Flute Ball Nose End Mill**

WC=87 Co=12 TRS=4200N/mm<sup>2</sup> HRA 92.4 Grain size=0.5μm



| CD  | FL | OAL | SD | R    | Z | CD | FL | OAL | SD | R   | Z |
|-----|----|-----|----|------|---|----|----|-----|----|-----|---|
| 1   | 2  | 50  | 4  | 0.5  | 2 | 8  | 16 | 75  | 8  | 4   | 2 |
| 1.5 | 3  | 50  | 4  | 0.75 | 2 | 9  | 18 | 75  | 10 | 4.5 | 2 |
| 2   | 4  | 50  | 4  | 1    | 2 | 10 | 20 | 75  | 10 | 5   | 2 |
| 2.5 | 5  | 50  | 4  | 1.25 | 2 | 12 | 24 | 75  | 12 | 6   | 2 |
| 3   | 6  | 50  | 3  | 1.5  | 2 | 4  | 8  | 100 | 4  | 2   | 2 |
| 3   | 6  | 50  | 4  | 1.5  | 2 | 6  | 12 | 100 | 6  | 3   | 2 |
| 4   | 8  | 50  | 4  | 2    | 2 | 8  | 16 | 100 | 8  | 4   | 2 |
| 5   | 10 | 50  | 5  | 2.5  | 2 | 10 | 20 | 100 | 10 | 5   | 2 |
| 5   | 10 | 50  | 6  | 2.5  | 2 | 12 | 24 | 100 | 12 | 6   | 2 |
| 6   | 12 | 50  | 6  | 3    | 2 | 14 | 28 | 100 | 14 | 7   | 2 |
| 7   | 14 | 60  | 8  | 3.5  | 2 | 16 | 32 | 100 | 16 | 8   | 2 |
| 8   | 16 | 60  | 8  | 4    | 2 | 18 | 36 | 100 | 18 | 9   | 2 |
| 4   | 8  | 75  | 4  | 2    | 2 | 20 | 40 | 100 | 20 | 10  | 2 |
| 6   | 12 | 75  | 6  | 3    | 2 |    |    |     |    |     |   |



**07**

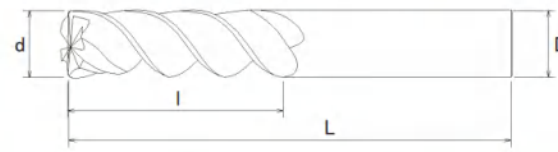
**RLD-55HRC**

**06**



**RLD-60HRC Series 4 Flute Corner Radius End Mill**

WC=87 Co=12 TRS=4200N/mm<sup>2</sup> HRA 92.4 Grain size=0.4μm

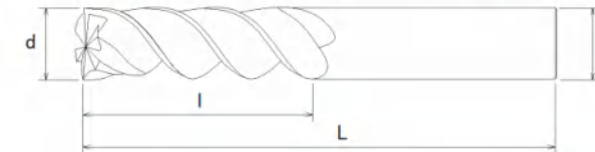


| CD  | FL  | OAL | SD | R           | Z |
|-----|-----|-----|----|-------------|---|
| 1   | 2.5 | 50  | 4  | 0.2         | 4 |
| 1.5 | 4   | 50  | 4  | 0.2         | 4 |
| 2   | 5   | 50  | 4  | 0.2/0.5     | 4 |
| 2.5 | 6.5 | 50  | 4  | 0.2/0.5     | 4 |
| 3   | 7.5 | 50  | 3  | 0.2/0.5/1   | 4 |
| 3   | 7.5 | 50  | 4  | 0.2/0.5/1   | 4 |
| 4   | 10  | 50  | 4  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 5  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 6  | 0.2/0.5/1   | 4 |
| 6   | 15  | 50  | 6  | 0.2/0.5/1   | 4 |
| 8   | 20  | 60  | 8  | 0.5/1/1.5/2 | 4 |
| 10  | 25  | 75  | 10 | 0.5/1/1.5/2 | 4 |
| 12  | 30  | 75  | 12 | 0.5/1/1.5/2 | 4 |
| 4   | 12  | 75  | 4  | 0.2/0.5/1   | 4 |
| 6   | 18  | 75  | 6  | 0.2/0.5/1   | 4 |
| 8   | 24  | 75  | 8  | 0.5/1       | 4 |
| 10  | 30  | 100 | 10 | 0.5/1/2     | 4 |
| 12  | 36  | 100 | 12 | 0.5/1/2     | 4 |
| 4   | 12  | 100 | 4  | 0.5/1       | 4 |
| 6   | 18  | 100 | 6  | 0.5/1       | 4 |
| 8   | 24  | 100 | 8  | 0.5/1       | 4 |



**RLD-65HRC Series 2/4 Flute End Mill**

WC=87 Co=9 TRS=4100N/mm<sup>2</sup> HRA 93.5 Grain size=0.2μm



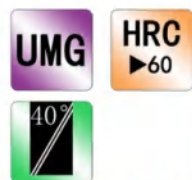
| CD  | FL  | OAL | SD | Z   | CD | FL | OAL | SD | Z   |
|-----|-----|-----|----|-----|----|----|-----|----|-----|
| 1   | 2.5 | 50  | 4  | 2/4 | 8  | 24 | 75  | 8  | 2/4 |
| 1.5 | 4   | 50  | 4  | 2/4 | 9  | 25 | 75  | 10 | 2/4 |
| 2   | 5   | 50  | 4  | 2/4 | 10 | 25 | 75  | 10 | 2/4 |
| 2.5 | 7   | 50  | 4  | 2/4 | 12 | 30 | 75  | 12 | 2/4 |
| 3   | 8   | 50  | 3  | 2/4 | 4  | 16 | 100 | 4  | 2/4 |
| 3   | 8   | 50  | 4  | 2/4 | 6  | 24 | 100 | 6  | 2/4 |
| 4   | 10  | 50  | 4  | 2/4 | 8  | 32 | 100 | 8  | 2/4 |
| 5   | 13  | 50  | 5  | 2/4 | 10 | 40 | 100 | 10 | 2/4 |
| 5   | 13  | 50  | 6  | 2/4 | 12 | 45 | 100 | 12 | 2/4 |
| 6   | 15  | 50  | 6  | 2/4 | 14 | 45 | 100 | 14 | 2/4 |
| 7   | 18  | 60  | 8  | 2/4 | 16 | 45 | 100 | 16 | 2/4 |
| 8   | 20  | 60  | 8  | 2/4 | 18 | 45 | 100 | 18 | 2/4 |
| 4   | 13  | 75  | 4  | 2/4 | 20 | 45 | 100 | 20 | 2/4 |
| 6   | 18  | 75  | 6  | 2/4 |    |    |     |    |     |



**RLD-60HRC Series 3-Flute U-slot Aluminum End Mill**

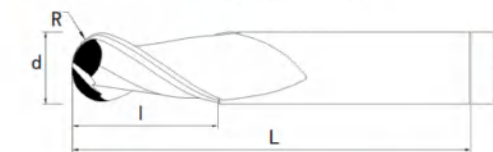
WC=87 Co=12 TRS=4200N/mm<sup>2</sup> HRA 92.4 Grain size=0.4μm

| CD | FL | OAL | SD | Z |
|----|----|-----|----|---|
| 4  | 12 | 50  | 4  | 3 |
| 6  | 18 | 50  | 6  | 3 |
| 8  | 24 | 60  | 8  | 3 |
| 10 | 30 | 75  | 10 | 3 |
| 12 | 36 | 75  | 12 | 3 |



**RLD-65HRC Series 2 Flute Ball Nose End Mill**

WC=87 Co=9 TRS=4100N/mm<sup>2</sup> HRA 93.5 Grain size=0.2μm



| CD  | FL | OAL | SD | R    | Z | CD | FL | OAL | SD | R   | Z |
|-----|----|-----|----|------|---|----|----|-----|----|-----|---|
| 1   | 2  | 50  | 4  | 0.5  | 2 | 8  | 16 | 75  | 8  | 4   | 2 |
| 1.5 | 3  | 50  | 4  | 0.75 | 2 | 9  | 18 | 75  | 10 | 4.5 | 2 |
| 2   | 4  | 50  | 4  | 1    | 2 | 10 | 20 | 75  | 10 | 5   | 2 |
| 2.5 | 5  | 50  | 4  | 1.25 | 2 | 12 | 24 | 75  | 12 | 6   | 2 |
| 3   | 6  | 50  | 3  | 1.5  | 2 | 4  | 8  | 100 | 4  | 2   | 2 |
| 3   | 6  | 50  | 4  | 1.5  | 2 | 6  | 12 | 100 | 6  | 3   | 2 |
| 4   | 8  | 50  | 4  | 2    | 2 | 8  | 16 | 100 | 8  | 4   | 2 |
| 5   | 10 | 50  | 5  | 2.5  | 2 | 10 | 20 | 100 | 10 | 5   | 2 |
| 5   | 10 | 50  | 6  | 2.5  | 2 | 12 | 24 | 100 | 12 | 6   | 2 |
| 6   | 12 | 50  | 6  | 3    | 2 | 14 | 28 | 100 | 14 | 7   | 2 |
| 7   | 14 | 60  | 8  | 3.5  | 2 | 16 | 32 | 100 | 16 | 8   | 2 |
| 8   | 16 | 60  | 8  | 4    | 2 | 18 | 36 | 100 | 18 | 9   | 2 |
| 4   | 8  | 75  | 4  | 2    | 2 | 20 | 40 | 100 | 20 | 10  | 2 |
| 6   | 12 | 75  | 6  | 3    | 2 |    |    |     |    |     |   |



RLD-60HRC 08

RLD-65HRC 09



**RLD-65HRC Series 4 Flute Corner Radius End Mill**

WC=87 Co=9 TRS=4100N/mm<sup>2</sup> HRA 93.5 Grain size=0.2μm



| CD  | FL  | OAL | SD | R           | Z |
|-----|-----|-----|----|-------------|---|
| 1   | 2.5 | 50  | 4  | 0.2         | 4 |
| 1.5 | 4   | 50  | 4  | 0.2         | 4 |
| 2   | 5   | 50  | 4  | 0.2/0.5     | 4 |
| 2.5 | 6.5 | 50  | 4  | 0.2/0.5     | 4 |
| 3   | 7.5 | 50  | 3  | 0.2/0.5/1   | 4 |
| 3   | 7.5 | 50  | 4  | 0.2/0.5/1   | 4 |
| 4   | 10  | 50  | 4  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 5  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 6  | 0.2/0.5/1   | 4 |
| 6   | 15  | 50  | 6  | 0.2/0.5/1   | 4 |
| 8   | 20  | 60  | 8  | 0.5/1/1.5/2 | 4 |
| 10  | 25  | 75  | 10 | 0.5/1/1.5/2 | 4 |
| 12  | 30  | 75  | 12 | 0.5/1/1.5/2 | 4 |
| 4   | 12  | 75  | 4  | 0.2/0.5/1   | 4 |
| 6   | 18  | 75  | 6  | 0.2/0.5/1   | 4 |
| 8   | 24  | 75  | 8  | 0.5/1       | 4 |
| 10  | 30  | 100 | 10 | 0.5/1/2     | 4 |
| 12  | 36  | 100 | 12 | 0.5/1/2     | 4 |
| 4   | 12  | 100 | 4  | 0.5/1       | 4 |
| 6   | 18  | 100 | 6  | 0.5/1       | 4 |
| 8   | 24  | 100 | 8  | 0.5/1       | 4 |

**RLD High Hardness/Speed Series 4 Flute Square End Mill**

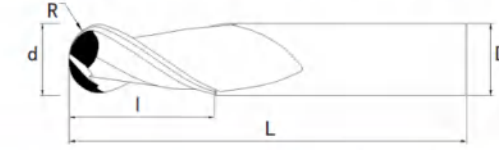
WC=87 Co=9 TRS=4100N/mm<sup>2</sup> HRA 93.5 Grain size=0.2μm



| CD  | FL  | OAL | SD | Z | CD | FL | OAL | SD | Z |
|-----|-----|-----|----|---|----|----|-----|----|---|
| 1   | 2.5 | 50  | 4  | 4 | 8  | 24 | 75  | 8  | 4 |
| 1.5 | 4   | 50  | 4  | 4 | 10 | 25 | 75  | 10 | 4 |
| 2   | 5   | 50  | 4  | 4 | 12 | 30 | 75  | 12 | 4 |
| 2.5 | 7   | 50  | 4  | 4 | 4  | 16 | 100 | 4  | 4 |
| 3   | 8   | 50  | 4  | 4 | 6  | 24 | 100 | 6  | 4 |
| 3   | 8   | 50  | 3  | 4 | 8  | 32 | 100 | 8  | 4 |
| 4   | 10  | 50  | 4  | 4 | 10 | 40 | 100 | 10 | 4 |
| 5   | 13  | 50  | 5  | 4 | 12 | 45 | 100 | 12 | 4 |
| 5   | 13  | 50  | 6  | 4 | 14 | 45 | 100 | 14 | 4 |
| 6   | 15  | 50  | 6  | 4 | 16 | 45 | 100 | 16 | 4 |
| 8   | 20  | 60  | 8  | 4 | 18 | 45 | 100 | 18 | 4 |
| 4   | 13  | 75  | 4  | 4 | 20 | 45 | 100 | 20 | 4 |
| 6   | 18  | 75  | 6  | 4 |    |    |     |    |   |

**RLD High Hardness/Speed Series 2 Flute Ball Nose End Mill**

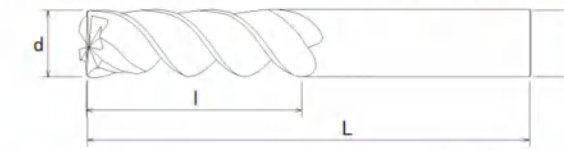
WC=87 Co=9 TRS=4100N/mm<sup>2</sup> HRA 93.5 Grain size=0.2μm



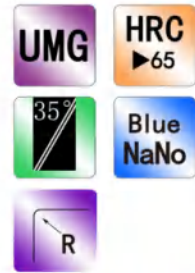
| CD  | FL | OAL | SD | R    | Z | CD | FL | OAL | SD | R  | Z |
|-----|----|-----|----|------|---|----|----|-----|----|----|---|
| 1   | 2  | 50  | 4  | 0.5  | 2 | 10 | 20 | 75  | 10 | 5  | 2 |
| 1.5 | 3  | 50  | 4  | 0.75 | 2 | 12 | 24 | 75  | 12 | 6  | 2 |
| 2   | 4  | 50  | 4  | 1    | 2 | 4  | 8  | 100 | 4  | 2  | 2 |
| 2.5 | 5  | 50  | 4  | 1.25 | 2 | 6  | 12 | 100 | 6  | 3  | 2 |
| 3   | 6  | 50  | 4  | 1.5  | 2 | 8  | 16 | 100 | 8  | 4  | 2 |
| 3   | 6  | 50  | 3  | 1.5  | 2 | 10 | 20 | 100 | 10 | 5  | 2 |
| 4   | 8  | 50  | 4  | 2    | 2 | 12 | 24 | 100 | 12 | 6  | 2 |
| 5   | 10 | 50  | 5  | 2.5  | 2 | 14 | 28 | 100 | 14 | 7  | 2 |
| 5   | 10 | 50  | 6  | 2.5  | 2 | 16 | 32 | 100 | 16 | 8  | 2 |
| 6   | 12 | 50  | 6  | 3    | 2 | 18 | 36 | 100 | 18 | 9  | 2 |
| 8   | 16 | 60  | 8  | 4    | 2 | 20 | 40 | 100 | 20 | 10 | 2 |
| 4   | 8  | 75  | 4  | 2    | 2 |    |    |     |    |    |   |
| 6   | 12 | 75  | 6  | 3    | 2 |    |    |     |    |    |   |
| 8   | 16 | 75  | 8  | 4    | 2 |    |    |     |    |    |   |

**RLD High Hardness/Speed Series 4 Flute Corner Radius End Mill**

WC=87 Co=9 TRS=4100N/mm<sup>2</sup> HRA 93.5 Grain size=0.2μm



| CD  | FL  | OAL | SD | R           | Z |
|-----|-----|-----|----|-------------|---|
| 1   | 2.5 | 50  | 4  | 0.2         | 4 |
| 1.5 | 4   | 50  | 4  | 0.2         | 4 |
| 2   | 5   | 50  | 4  | 0.2/0.5     | 4 |
| 2.5 | 6.5 | 50  | 4  | 0.2/0.5     | 4 |
| 3   | 7.5 | 50  | 3  | 0.2/0.5/1   | 4 |
| 3   | 7.5 | 50  | 4  | 0.2/0.5/1   | 4 |
| 4   | 10  | 50  | 4  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 5  | 0.2/0.5/1   | 4 |
| 5   | 13  | 50  | 6  | 0.2/0.5/1   | 4 |
| 6   | 15  | 50  | 6  | 0.2/0.5/1   | 4 |
| 8   | 20  | 60  | 8  | 0.5/1/1.5/2 | 4 |
| 10  | 25  | 75  | 10 | 0.5/1/1.5/2 | 4 |
| 12  | 30  | 75  | 12 | 0.5/1/1.5/2 | 4 |
| 4   | 12  | 75  | 4  | 0.2/0.5/1   | 4 |
| 6   | 18  | 75  | 6  | 0.2/0.5/1   | 4 |
| 8   | 24  | 75  | 8  | 0.5/1       | 4 |
| 10  | 30  | 100 | 10 | 0.5/1/2     | 4 |
| 12  | 36  | 100 | 12 | 0.5/1/2     | 4 |
| 4   | 12  | 100 | 4  | 0.5/1       | 4 |
| 6   | 18  | 100 | 6  | 0.5/1       | 4 |
| 8   | 24  | 100 | 8  | 0.5/1       | 4 |



RLD-65HRC

10

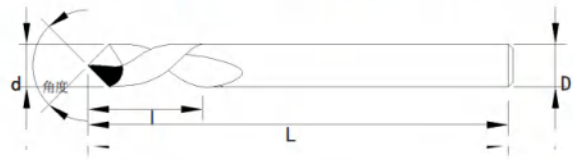
RLD-高硬高转速

11



RLD Spot & Chamfer Cutter

WC=88 Co=12 HV30=1700 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm



Aluminium



Steel

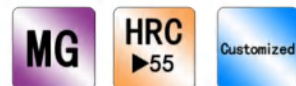


| CD  | OAL | SD | FL | Angle |
|-----|-----|----|----|-------|
| 1   | 50  | 4  | 2  | 90    |
| 1.5 | 50  | 4  | 2  | 90    |
| 2.5 | 50  | 4  | 2  | 90    |
| 3   | 50  | 3  | 2  | 90    |
| 3   | 50  | 4  | 2  | 90    |
| 4   | 50  | 4  | 2  | 90    |
| 5   | 50  | 5  | 2  | 90    |
| 5   | 50  | 6  | 2  | 90    |
| 6   | 50  | 6  | 2  | 90    |
| 8   | 60  | 8  | 2  | 90    |
| 10  | 75  | 10 | 2  | 90    |
| 12  | 75  | 12 | 2  | 90    |

| CD  | OAL | SD | FL | Angle |
|-----|-----|----|----|-------|
| 1   | 50  | 4  | 2  | 90    |
| 1.5 | 50  | 4  | 2  | 90    |
| 2.5 | 50  | 4  | 2  | 90    |
| 3   | 50  | 3  | 2  | 90    |
| 3   | 50  | 4  | 2  | 90    |
| 4   | 50  | 4  | 2  | 90    |
| 5   | 50  | 5  | 2  | 90    |
| 5   | 50  | 6  | 2  | 90    |
| 6   | 50  | 6  | 2  | 90    |
| 8   | 60  | 8  | 2  | 90    |
| 10  | 75  | 10 | 2  | 90    |
| 12  | 75  | 12 | 2  | 90    |

RLD Inner Radius End Mill

WC=88 Co=12 HV30=1700 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm



Aluminium



Steel



| CD    | OAL | SD | Z |
|-------|-----|----|---|
| NR0.5 | 50  | 4  | 4 |
| NR1   | 50  | 4  | 4 |
| NR1.5 | 50  | 4  | 4 |
| NR2   | 50  | 6  | 4 |
| NR3   | 60  | 8  | 4 |
| NR4   | 75  | 10 | 4 |
| NR5   | 75  | 12 | 4 |

| CD    | OAL | SD | Z |
|-------|-----|----|---|
| NR0.5 | 50  | 4  | 4 |
| NR1   | 50  | 4  | 4 |
| NR1.5 | 50  | 4  | 4 |
| NR2   | 50  | 6  | 4 |
| NR3   | 60  | 8  | 4 |
| NR4   | 75  | 10 | 4 |
| NR5   | 75  | 12 | 4 |

RLD Carbide Rough End Mill

WC=88 Co=12 HV30=1700 TRS=4000N/mm<sup>2</sup> HRA 91.8 Grain size =0.6μm



Aluminium



HRC55 Steel



HRC60 Steel



| CD | FL | OAL | SD | Z |
|----|----|-----|----|---|
| 6  | 18 | 50  | 6  | 3 |
| 8  | 24 | 60  | 8  | 3 |
| 10 | 30 | 75  | 10 | 3 |
| 12 | 36 | 75  | 12 | 3 |
| 14 | 45 | 100 | 14 | 3 |
| 16 | 45 | 100 | 16 | 3 |
| 20 | 45 | 100 | 20 | 3 |

| CD | FL | OAL | SD | Z |
|----|----|-----|----|---|
| 6  | 15 | 50  | 6  | 4 |
| 8  | 20 | 60  | 8  | 4 |
| 10 | 25 | 75  | 10 | 4 |
| 12 | 30 | 75  | 12 | 4 |
| 14 | 45 | 100 | 14 | 4 |
| 16 | 45 | 100 | 16 | 4 |
| 20 | 45 | 100 | 20 | 4 |

| CD | FL | OAL | SD | Z |
|----|----|-----|----|---|
| 6  | 15 | 50  | 6  | 4 |
| 8  | 20 | 60  | 8  | 4 |
| 10 | 22 | 75  | 10 | 4 |
| 12 | 27 | 75  | 12 | 4 |
| 14 | 45 | 100 | 14 | 4 |
| 16 | 45 | 100 | 16 | 4 |
| 20 | 45 | 100 | 20 | 4 |

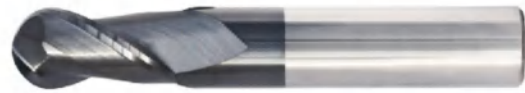
RLD-55HRC Long Neck Mill



| CD  | Effective Length | OAL | SD |
|-----|------------------|-----|----|
| 1   | 6                | 50  | 4  |
| 1   | 8                | 50  | 4  |
| 1   | 10               | 50  | 4  |
| 1   | 12               | 50  | 4  |
| 1   | 16               | 50  | 4  |
| 1   | 18               | 50  | 4  |
| 1   | 20               | 50  | 4  |
| 1.5 | 6                | 50  | 4  |
| 1.5 | 8                | 50  | 4  |
| 1.5 | 10               | 50  | 4  |
| 1.5 | 12               | 50  | 4  |
| 1.5 | 16               | 50  | 4  |
| 1.5 | 18               | 50  | 4  |

| CD  | Effective Length | OAL | SD |
|-----|------------------|-----|----|
| 1.5 | 20               | 50  | 4  |
| 2   | 8                | 50  | 4  |
| 2   | 10               | 50  | 4  |
| 2   | 12               | 50  | 4  |
| 2   | 16               | 50  | 4  |
| 2   | 18               | 50  | 4  |
| 2   | 20               | 50  | 4  |
| 2.5 | 8                | 50  | 4  |
| 2.5 | 10               | 50  | 4  |
| 2.5 | 12               | 50  | 4  |
| 2.5 | 16               | 50  | 4  |
| 2.5 | 18               | 50  | 4  |
| 2.5 | 20               | 50  | 4  |

RLD-50HRC 4 Flute Ball Nose End Mill



| CD  | FL | OAL | SD | R    | Z | CD | FL | OAL | SD | R   | Z |
|-----|----|-----|----|------|---|----|----|-----|----|-----|---|
| 1   | 2  | 50  | 4  | 0.5  | 4 | 4  | 8  | 75  | 4  | 2   | 4 |
| 1.5 | 3  | 50  | 4  | 0.75 | 4 | 6  | 12 | 75  | 6  | 3   | 4 |
| 2   | 4  | 50  | 4  | 1    | 4 | 8  | 16 | 75  | 8  | 4   | 4 |
| 2.5 | 5  | 50  | 4  | 1.25 | 4 | 9  | 18 | 75  | 10 | 4.5 | 4 |
| 3   | 6  | 50  | 3  | 1.5  | 4 | 10 | 20 | 75  | 10 | 5   | 4 |
| 3   | 6  | 50  | 4  | 1.5  | 4 | 12 | 24 | 75  | 12 | 6   | 4 |
| 4   | 8  | 50  | 4  | 2    | 4 | 4  | 8  | 100 | 4  | 2   | 4 |
| 5   | 10 | 50  | 5  | 2.5  | 4 | 6  | 12 | 100 | 6  | 3   | 4 |
| 5   | 10 | 50  | 6  | 2.5  | 4 | 8  | 16 | 100 | 8  | 4   | 4 |
| 6   | 12 | 50  | 6  | 3    | 4 | 10 | 20 | 100 | 10 | 5   | 4 |
| 7   | 14 | 60  | 8  | 3.5  | 4 | 12 | 24 | 100 | 12 | 6   | 4 |
| 8   | 16 | 60  | 8  | 4    | 4 |    |    |     |    |     |   |

RLD-50HRC

14

RLD-55HRC 4 Flute Ball Nose End Mill



| CD  | FL | OAL | SD | R | Z | CD | FL | OAL | SD | SD  | Z |
|-----|----|-----|----|---|---|----|----|-----|----|-----|---|
| 1   | 3  | 50  | 4  | 4 | 4 | 4  | 8  | 75  | 4  | 2   | 4 |
| 1.5 | 4  | 50  | 4  | 4 | 4 | 6  | 12 | 75  | 6  | 3   | 4 |
| 2   | 6  | 50  | 4  | 4 | 4 | 8  | 16 | 75  | 8  | 4   | 4 |
| 2.5 | 8  | 50  | 4  | 4 | 4 | 9  | 18 | 75  | 10 | 4.5 | 4 |
| 3   | 9  | 50  | 3  | 3 | 4 | 10 | 20 | 75  | 10 | 5   | 4 |
| 3   | 9  | 50  | 4  | 4 | 4 | 12 | 24 | 75  | 12 | 6   | 4 |
| 4   | 12 | 50  | 4  | 4 | 4 | 4  | 8  | 100 | 4  | 2   | 4 |
| 5   | 15 | 50  | 5  | 5 | 4 | 6  | 12 | 100 | 6  | 3   | 4 |
| 5   | 15 | 50  | 6  | 6 | 4 | 8  | 16 | 100 | 8  | 4   | 4 |
| 6   | 18 | 50  | 6  | 6 | 4 | 10 | 20 | 100 | 10 | 5   | 4 |
| 7   | 21 | 60  | 8  | 8 | 4 | 12 | 24 | 100 | 12 | 6   | 4 |
| 8   | 24 | 60  | 8  | 8 | 4 | 8  | 24 | 60  | 8  | 8   | 4 |
| 4   | 16 | 75  | 4  | 4 | 4 | 4  | 16 | 75  | 4  | 4   | 4 |

RLD-60HRC 4 Flute Ball Nose End Mill



| CD  | FL | OAL | SD | R    | Z | CD | FL | OAL | SD | R   | Z |
|-----|----|-----|----|------|---|----|----|-----|----|-----|---|
| 1   | 2  | 50  | 4  | 0.5  | 4 | 4  | 8  | 75  | 4  | 2   | 4 |
| 1.5 | 3  | 50  | 4  | 0.75 | 4 | 6  | 12 | 75  | 6  | 3   | 4 |
| 2   | 4  | 50  | 4  | 1    | 4 | 8  | 16 | 75  | 8  | 4   | 4 |
| 2.5 | 5  | 50  | 4  | 1.25 | 4 | 9  | 18 | 75  | 10 | 4.5 | 4 |
| 3   | 6  | 50  | 3  | 1.5  | 4 | 10 | 20 | 75  | 10 | 5   | 4 |
| 3   | 6  | 50  | 4  | 1.5  | 4 | 12 | 24 | 75  | 12 | 6   | 4 |
| 4   | 8  | 50  | 4  | 2    | 4 | 4  | 8  | 100 | 4  | 2   | 4 |
| 5   | 10 | 50  | 5  | 2.5  | 4 | 6  | 12 | 100 | 6  | 3   | 4 |
| 5   | 10 | 50  | 6  | 2.5  | 4 | 8  | 16 | 100 | 8  | 4   | 4 |
| 6   | 12 | 50  | 6  | 3    | 4 | 10 | 20 | 100 | 10 | 5   | 4 |
| 7   | 14 | 60  | 8  | 3.5  | 4 | 12 | 24 | 100 | 12 | 6   | 4 |
| 8   | 16 | 60  | 8  | 4    | 4 |    |    |     |    |     |   |

RLD-60HRC

15

RLD-55HRC Micro Diameter End Mill



| CD  | FL  | OAL | SD | Z |
|-----|-----|-----|----|---|
| 0.2 | 0.4 | 50  | 4  | 2 |
| 0.3 | 0.6 | 50  | 5  | 2 |
| 0.4 | 0.8 | 50  | 6  | 2 |
| 0.5 | 1   | 50  | 7  | 2 |
| 0.6 | 1.2 | 50  | 8  | 2 |
| 0.7 | 1.4 | 50  | 9  | 2 |
| 0.8 | 1.6 | 50  | 10 | 2 |
| 0.9 | 1.8 | 50  | 11 | 2 |